



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, South

TXZ254>255

Willacy - Cameron

22 1500CST
24 1700CST

0 0

Heavy Surf/High Surf

High surf associated with tidal overflow from Hurricane Rita was reported along coastal sections of Cameron and Willacy counties. Severe beach erosion was reported in Cameron County, with a combined storm generated swell and astronomical high tide created a tidal effect 3 to 4 feet above above normal along the gulf-facing beaches of South Padre Island. This storm tide caused 10 to 12 feet of erosion in the dunes and the beaches of Boca Chica and South Padre Island, Texas. The beaches were reported as flooded by the late afternoon hours on Thursday, September 22, 2005 and remained flooded through the late afternoon hours of Saturday, September 24, 2005.

Storm tides (including astronomical tide, storm surge, and wind driven waves) caused significant flooding of the beaches along the lower Texas coast from the Port Mansfield jetties southward to the Rio Grande. Sea water breached the dunes and man made burms on